# Database Design for DELICIOUS

Collation: utf8-bin.

Support three languages: Chinese, English and French. Table names end with '*\_xx*' are tables involve different languages, *xx* = *cn*, *en* or *fr*, meaning Chinese, English or French respectively.

## Table Name: resto\_admin

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | DATA TYPE | DEFAULT | NULL | A-I\* | COMMENTS |
| admin\_id | tinyint unsigned |  |  | Yes | Primary Key. |
| username | varchar(30) |  |  |  | Administrator's name. Unique. |
| password | char(32) |  |  |  | Encrypted with MD5 function. |
| email | varchar(60) |  |  |  |  |
|  |  |  |  |  |  |

\*: **A-I** means auto-increment.

## Table Name: cate\_xx

These 3 tables store categories (limited) in a certain language respectively.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | DATA TYPE | DEFAULT | NULL | A-I | COMMENTS |
| cate\_id | smallint unsigned |  |  | Yes | Primary Key. |
| cate\_name | varchar(50) |  |  |  | The category's name. |
|  |  |  |  |  |  |

## Table Name: dish

This table stores dish information that is common to all languages.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | DATA TYPE | DEFAULT | NULL | A-I | COMMENTS |
| dish\_id | int unsigned |  |  | Yes | Primary Key. |
| cate\_id | smallint unsigned |  |  |  | Category ID the dish belongs to. FK |
| dish\_no | varchar(50) |  |  |  | Dish number. |
| dish\_num | int unsigned | 0 |  |  | Dish inventory. |
| reg\_price | decimal(6,2) |  |  |  | Regular price of the dish. |
| current\_price | decimal(6,2) |  |  |  | Current price of the dish. |
| dish\_time | int unsigned |  |  |  | Mark the publishing order of the dish. |
| is\_show | tinyint(1) | 1 |  |  | 1 means the dish is shown. |
| is\_hot | tingyint(1) | 0 |  |  | 0 means the dish is not hot for sell. |
|  |  |  |  |  |  |

## Table Name: dish\_xx

These 3 tables store dish information that is related to a certain language.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | DATA TYPE | DEFAULT | NULL | A-I | COMMENTS |
| dish\_id | int unsigned |  |  | Yes | Primary Key. |
| dish\_name | varchar(50) |  |  |  | The name of the dish. |
| dish\_desc | mediumtext |  | Yes |  | Dish description. Eg., ingredients, etc. |
|  |  |  |  |  |  |

## Table Name: album

This table stores album for each dish.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | DATA TYPE | DEFAULT | NULL | A-I | COMMENTS |
| album\_id | int unsigned |  |  | Yes | Primary Key. |
| dish\_id | int unsigned |  |  |  | Dish ID. |
| album\_path | varchar(50) |  |  |  | image name(Images of all dishes are stored under the same path which is designated by the program). |
|  |  |  |  |  |  |

## Entity-Relationship Diagram

